

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A method of speech recognition, ~~said method~~ comprising:
receiving audio signals from a speech source;
receiving video signals from the speech source;
detecting if the audio signals can be processed, wherein detecting if the audio signals can be processed comprises defining an error threshold, comparing a number of errors detected in the audio signal with the threshold, and determining that the audio signals can not be processed if the number of detected errors equals or exceeds the threshold;
processing the audio signals if it is detected that the audio signals can be processed;
processing the video signals based on a detection that at least a portion of the audio signal cannot be processed;
converting at least one of the audio signals and the video signals into recognizable information; and
implementing a task based on the recognizable information.
2. (Previously Presented) The method of claim 1, wherein receiving the video signals comprises:
receiving video images of lip movements that coincide with the audio signals.
3. (Currently Amended) The method of claim 1, wherein processing comprises:
processing the audio signals and the video signals in parallel, ~~wherein~~ the video signals coincide coinciding with the audio signals.
4. (Currently Amended) The method of claim 1, ~~further~~ comprising:

storing the audio signals and the video signals; and
sending the audio signals and the video signals to a destination source.

5. (Currently Amended) A speech recognition device, ~~said device~~ comprising:
an audio signal receiver configured to receive audio signals from a speech source;
a video signal receiver configured to receive video signals from the speech source;
a processing unit configured to detect if the audio signals can be processed and if so, to process the audio signals and process the video signals based on the detection that at least a portion of the audio signals cannot be processed;
a conversion unit configured to convert at least one of the audio signals and the video signals to recognizable information; and
an implementation unit configured to implement a task based on the recognizable information,
wherein the processing unit is configured to detect a number of errors in the audio signals, to compare the number of errors with a predefined threshold, and to determine that the audio signals can not be processed if the number of detected errors equals or exceeds the threshold.

6. (Original) The device of claim 5, wherein the video signal receiver is configured to receive video images of lip movements that coincide with the audio signals.

7. (Currently Amended) The device of claim 5, wherein the processing unit is configured to process the audio signals and the video signals in parallel, and wherein the video signals coincide with the audio signals.

8. (Currently Amended) The device of claim 5, ~~further~~ comprises:

a storage unit for storing the audio signals and the video signals; and
a transmitter for sending the audio signals and the video signals to a destination source.

9. (Currently Amended) A system for speech recognition, ~~said system~~ comprising:
a first receiving means for receiving audio signals from a speech source;
a second receiving means for receiving video signals from the speech source;
a processing means for detecting if the audio signals can be processed and processing the audio signals if the audio signals can be processed and for processing the video signals based on the detection that at least a portion of the audio signals can not be processed;
a converting means for converting at least one of the audio signals and the video signals to recognizable information; and
an implementing means for implementing a task based on the recognizable information, wherein the processing means is configured for detecting a number of errors in the audio signals, comparing the number of errors with a predefined threshold, and determining that the audio signals can not be processed if the number of detected errors equals or exceeds the threshold.

10. (Original) The system of claim 9, wherein the second receiving means receives video images of lip movements that coincide with the audio signals.

11. (Currently Amended) The system of claim 9, wherein the processing means processes the audio signals and the video signals in parallel, and wherein the video signals coincide with the audio signals.

12. (Currently Amended) The system of claim 9, ~~further~~ comprises:
a storage means for storing the audio signals and the video signals; and

a transmission means for sending the audio signals and the video signals to a destination source.

Claims 13-18 (Cancelled).

19. (Currently Amended) ~~The method of claim 1, further comprising:~~ A method of speech recognition, comprising:

~~determining if the video images of the user~~ a speech source are detected; and
~~indicating to the user if the video image is~~ images are not detected;
~~receiving audio signals from the speech source;~~
~~receiving video signals from the speech source;~~
~~detecting if the audio signals can be processed;~~
~~processing the audio signals if it is detected that the audio signals can be processed;~~
~~processing the video signals based on a detection that at least a portion of the audio signal cannot be processed;~~

~~converting at least one of the audio signals and the video signals into recognizable information; and~~

~~implementing a task based on the recognizable information.~~

20. (Currently Amended) ~~The speech recognition device according to claim 5;~~ A speech recognition device, comprising:

~~an audio signal receiver configured to receive audio signals from a speech source;~~
~~a video signal receiver configured to receive video signals from the speech source;~~
~~a processing unit configured to detect if the audio signals can be processed and if so, to process the audio signals and process the video signals based on the detection that at least a portion of the audio signals cannot be processed;~~

a conversion unit configured to convert at least one of the audio signals and the video signals to recognizable information; and

an implementation unit configured to implement a task based on the recognizable information,

wherein the processing unit is configured to determine if the user's video image of a user is detected, and, if the user's video image of the user is not detected, to indicate to the user that the video image is not detected.

21. (Currently Amended) ~~The system for speech recognition according to claim 9, A system for speech recognition, comprising:~~

a first receiver that receives audio signals from a speech source;

a second receiver that receives video signals from the speech source;

a processor that detects if the audio signals can be processed and that processes the audio signals if the audio signals can be processed, the processor processing the video signals based on the detection that at least a portion of the audio signals can not be processed;

a converter that converts at least one of the audio signals and the video signals to recognizable information; and

an implementor that implements a task based on the recognizable information,

wherein the ~~processing means is further configured for determining~~ processor determines if the user's video image of a user is detected, and, if the user's video image is not detected, ~~and indicating~~ indicates to the user that the video image is not detected.

22. (New) The method of claim 1, wherein at least the receiving of the audio signals and the receiving of the video signals occurs in a mobile phone.

23. (New) The method of claim 1, wherein at least the receiving of the audio signals and the receiving of the video signals occurs in a laptop computer, a home computer, a remote controller and/or a game console.

24. (New) The device of claim 5, wherein the speech recognition device is part of a mobile phone.

25. (New) The device of claim 5, wherein the speech recognition device is part of a laptop computer, a home computer, a remote controller and/or a game console.

26. (New) The system of claim 21, wherein the system for speech recognition is part of a mobile phone.

27. (New) The system of claim 21, wherein the system for speech recognition is part of a laptop computer, a home computer, a remote controller and/or a game console.